| Index of Claims                       | Application No.  | Applicant(s) |
|---------------------------------------|------------------|--------------|
|                                       | 09/770,165       | PAN ET AL.   |
|                                       | Examiner         | Art Unit     |
| 1   1   1   1   1   1   1   1   1   1 | Minh Dieu Nguyen | 2137         |

| / | Rejected | _ | (Through numeral)<br>Cancelled | Ν | Non-Elected  | Α | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     | ı | Interference | o | Objected |

| Cla      | aim      | Date       |           |          |          |              |                |          | Cla      | im       | Date  |          |          |                 |          |         |           |           | Cla  | aim                 | Date      |  |          |          |              |                   |          |          |          |          |                 |          |           |
|----------|----------|------------|-----------|----------|----------|--------------|----------------|----------|----------|----------|-------|----------|----------|-----------------|----------|---------|-----------|-----------|--|---------------------|-----------|--|----------|----------|--------------|-------------------|----------|----------|----------|----------|-----------------|----------|-----------|
|          |          |            |           | $\Box$   | Ť        | Ī            | П              |          | Т        | ᅵ        |       |          |          |                 |          |         |           |           |  |                     |           |  |          |          |              |                   |          |          | T        |          | Т               | $\neg$   |           |
| Final    | Original | 2/28/05    |           |          |          |              |                |          |          |          |       | Final    | Original |                 |          |         |           |           |  |                     |           |  | Final    | Original |              | ŀ                 |          |          |          |          |                 |          |           |
| · —      | 1        | ~          | $\dashv$  | 十        | 十        | ᅱ            |                |          | $\dashv$ | $\dashv$ |       |          | 51       | $\dashv$        | $\top$   | +       | +         | $\vdash$  | -  | $\dashv$            | 1         |  | -        | 101      | $\neg$       | $\dashv$          | 寸        | ┪        | 一        | _        |                 | 十        | $\exists$ |
|          | 2        | · v        | 十         | _        | _        |              | $\dashv$       | $\dashv$ | _        | $\dashv$ |       |          | 52       | Ħ               | +        | $\top$  | +-        | 1         | H  |                     | ┪         |  |          | 102      |              | 一十                | 1        |          |          | 寸        | 7               | 丁        | コ         |
| -        | 3        | · ·        | _         | $\dashv$ | $\dashv$ |              | $\dashv$       | $\dashv$ | _        | $\dashv$ |       |          | 53       |                 |          | $\top$  | +-        | $\dagger$ |  |                     | ┪         |  |          | 103      |              |                   | T        | T        | $\neg$   | $\neg$   | 十               | ヿ        | П         |
| -        | 4        | v          | -         | $\dashv$ | +        |              | $\dashv$       | 一        | _        | $\dashv$ |       |          | 54       |                 | _        | $\top$  | +         | 1         |  | 十                   | $\exists$ |  |          | 104      | $\neg$       | 十                 | T        | T        | 寸        | 寸        | 寸               | 寸        | $\neg$    |
|          | 5        | Ÿ          | _         | +        | _        |              | $\dashv$       | 一        |          | ┪        |       |          | 55       | $\dashv$        | _        | ╅       | ╅         | ╁         |  | $\dashv$            | $\neg$    |  |          | 105      | ᅥ            |                   | $\top$   | 寸        | 寸        |          | 7               | 寸        | ヿ         |
| ├──      | 6        | · >        |           | $\dashv$ | $\dashv$ |              | $\dashv$       | 一        | -+       | ╛        |       |          | 56       | $\Box$          | $\top$   | +       | +         | +-        | $\vdash$   | $\top$              | $\dashv$  |  |          | 106      | $\neg$       |                   | $\dashv$ | ✝        | 寸        |          | _               | 寸        | $\neg$    |
|          | 7        | v          | -         | +        | $\dashv$ |              | $\dashv$       | $\dashv$ | _        | ᅥ        |       |          | 57       |                 | ╅        | +       | $\dagger$ | +         | $\vdash$   | _                   | $\dashv$  |  |          | 107      | _            | $\dashv$          | 7        | T        | $\dashv$ | $\neg$   | 7               | 寸        | $\neg$    |
|          | 8        | v          | $\dashv$  | +        | -        |              | -              | $\dashv$ | $\dashv$ | $\dashv$ |       |          | 58       | -               | $\top$   | +       | ╁         | $\vdash$  | $\Box$   | -                   | $\dashv$  |  |          | 108      |              | 寸                 | $\dashv$ | 寸        | 寸        | 一        | 7               | ヿ        |           |
|          | 9        | v          | -         | -        | $\dashv$ |              |                | $\dashv$ | $\dashv$ | $\dashv$ |       |          | 59       | $\dashv$        | $\dashv$ | +       | +         | +         | H  | 十                   | $\dashv$  |  |          | 109      | $\neg$       |                   | $\dashv$ | 十        | _        | 寸        | 7               | 十        | ᅥ         |
|          | 10       | V          |           | ╅        |          | -            | $\dashv$       | $\dashv$ | -        | -        |       |          | 60       | $\dashv$        | +        | ┰       | +-        | +         | $\vdash$   | $\dashv$            | ┪         |  |          | 110      | -            |                   | +        | +        | _        | $\dashv$ | $\dashv$        | $\dashv$ | $\neg$    |
|          | 11       | v          | $\vdash$  | $\dashv$ | $\dashv$ | $\vdash$     | $\dashv$       |          | $\dashv$ | _        |       |          | 61       | $\vdash$        | +        | ╅       | +         | +         | <del>                                     </del> | $\dashv$            | ⊣         |  |          | 111      |              | $\dashv$          | $\dashv$ | _        | $\dashv$ | 一        | +               | $\dashv$ | -         |
|          | 12       | V          | $\vdash$  | $\dashv$ | -        | Н            |                |          | $\dashv$ |          |       | -        | 62       | $\vdash$        | +        | +       | +         | +         | $\vdash$   | -+                  | $\dashv$  |  |          | 112      |              | $\dashv$          | _        | $\dashv$ | $\dashv$ | 一        | $\dashv$        | $\dashv$ | $\exists$ |
|          | 13       | v          | $\vdash$  | $\dashv$ |          | $\vdash$     | -              |          | $\dashv$ | $\dashv$ |       |          | 63       | $\vdash$        | $\dashv$ | +       | +         | +         | $\vdash$   | - †                 | $\dashv$  |  |          | 113      |              | $\dashv$          | $\dashv$ | $\dashv$ | 7        | $\dashv$ | _               | $\dashv$ | $\neg$    |
| -        | 14       | V          | $\vdash$  | $\dashv$ | -        | $\vdash$     | $\vdash$       | $\vdash$ | -        | -        |       |          | 64       | H               | $\dashv$ | +       | +         | +-        |  | +                   | $\dashv$  |  |          | 114      |              | $\vdash$          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$        | $\dashv$ |           |
|          | 15       | V          | $\vdash$  | $\dashv$ | $\dashv$ | Н            | $\vdash$       |          | $\vdash$ |          |       |          | 65       | -               | +        | +       | +         | +-        | $\vdash$   | -+                  | $\dashv$  |  |          | 115      |              | $\vdash \uparrow$ | $\dashv$ | +        | +        | $\dashv$ | $\dashv$        | $\dashv$ | _         |
|          | 16       | V          | $\vdash$  | $\dashv$ | -        | Н            | $\vdash$       | $\vdash$ | $\dashv$ |          |       |          | 66       | $\vdash$        | -+       | +       | +         | +-        | $\vdash$   | $\dashv$            | $\dashv$  |  |          | 116      |              | -                 | $\dashv$ | -        | -        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$  |
|          |          | -          | $\dashv$  | -        | -        | $\vdash$     | $\dashv$       | -        | $\dashv$ |          |       |          | 67       | $\vdash$        | +        | +       | +-        | ╁         | ╁  | $\dashv$            | -         |  |          | 117      | _            | $\vdash$          | $\dashv$ | -        |          | _        | $\dashv$        | 寸        | -         |
| <u> </u> | 17       | ٧.         | $\vdash$  | $\dashv$ |          | -            |                | $\vdash$ | $\dashv$ | _        |       |          | 68       | $\vdash$        | +        | +       | +-        | ┿         | ┤┤   |                     | $\dashv$  |  |          | 118      | -            | $\vdash$          | $\dashv$ | ᅱ        |          | $\dashv$ | $\dashv$        | ᆉ        |           |
| <u> </u> | 18       | ٧          | $\vdash$  |          | $\dashv$ | -            | Н              |          |          | _        |       |          | 69       | $\vdash$        | +        | +       | +-        | +         | $\vdash$   | $\dashv$            | $\dashv$  |  |          | 119      |              | -                 | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        | ┰               |          | —         |
|          | 19       | ٧          | Н         | $\dashv$ |          |              | $\blacksquare$ |          | -        |          |       |          |          | $\vdash$        |          |         | +         | ╁         | ┨  | -+                  | $\dashv$  |  |          | 120      | _            | $\vdash$          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$        | $\dashv$ | _         |
|          | 20       | ٧          |           |          | _        | $\vdash$     |                |          | $\dashv$ |          |       |          | 70       | $\vdash$        |          |         | +         | +-        | $\vdash$   |                     | $\dashv$  |  |          | 121      |              | $\vdash$          | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ |           |
|          | 21       | ٧          | $\vdash$  | -        |          |              |                |          | $\dashv$ | _        |       |          | 71       | $\vdash$        | $\dashv$ | +       | +         | +-        | $\vdash$   | $\rightarrow$       | $\dashv$  |  |          | 122      |              | -                 | -        | ┵        |          |          | -               | ᅱ        | -         |
|          | 22       | <u> </u>   |           | _        |          | _            | Н              |          | $\vdash$ |          |       | <b></b>  | 72       | $\vdash$        | $\dashv$ | +       | +-        | +-        | ╀╌┨  | -                   | $\dashv$  |  |          | 123      | -            | $\vdash$          | -        | -        | $\dashv$ | -        | $\dashv$        | $\dashv$ | —         |
|          | 23       | <u> </u>   | $\sqcup$  | _        | _        |              | Н              |          |          | _        |       | <u> </u> | 73       |                 | $\dashv$ | +       | +-        | -         | ⊢∔   |                     | $\dashv$  |  |          | 123      | $\vdash$     | $\vdash$          | -        |          | $\dashv$ | _        | -               | $\dashv$ |           |
|          | 24       | v          | Н         |          | _        | _            | Н              | ш        | $\dashv$ |          |       | <u> </u> | 74       | Н               | $\dashv$ |         | -         | +         | $\vdash$   | $\dashv$            | $\dashv$  |  |          |          | -            | $\vdash$          | -        |          | $\dashv$ | -        | _               |          |           |
|          | 25       | V          | Ш         | _        | _        |              |                |          | $\dashv$ |          |       |          | 75       | $\vdash \vdash$ | $\dashv$ |         | +         | +         | $\vdash$   | $\dashv$            | -1        |  |          | 125      | _            | Н                 | -        |          | -        |          | -               |          |           |
|          | 26       | V          | <u> </u>  | _        |          | L            |                |          | $\dashv$ |          |       |          | 76       | $\sqcup$        | _        | _       | +         | _         | -  | -                   | $\dashv$  |  |          | 126      | ┝            | $\vdash$          |          | $\dashv$ | _        |          |                 | $\dashv$ | _         |
|          | 27       | V          |           | _        |          |              |                | _        | _        |          |       |          | 77       | $\sqcup$        | _        | -       | +         | ╁┈        | <del>  </del>                                    |                     |           |  |          | 127      | <u> </u>     | ┝╌┤               |          | $\dashv$ |          | _        | -               | $\dashv$ | _         |
|          | 28       | ٧          |           | _        |          | _            | _              |          | $\sqcup$ |          |       |          | 78       | $\sqcup$        | -        | _       | +         | ┼         | $\vdash$   |                     | _         |  |          | 128      | <u> </u>     | $\vdash$          | $\dashv$ | $\dashv$ |          |          | -               | $\dashv$ | _         |
|          | 29       | V          |           |          |          |              | lacksquare     |          |          |          |       |          | 79       |                 | -        |         | +         | 4—        | Ш  |                     |           |  |          | 129      | ⊢            | $\vdash$          | $\dashv$ | $\dashv$ | _        |          |                 | $\dashv$ | _         |
|          | 30       | V          |           |          |          | _            |                | _        |          | _        |       | <u> </u> | 80       |                 | -        | 4       | +         | ╀         | $\vdash$   | $\dashv$            |           |  |          | 130      |              | $\vdash$          | $\dashv$ | $\dashv$ | -        |          | $\dashv$        | $\dashv$ | _         |
|          | 31       | V          |           |          |          |              |                |          | Щ        |          |       |          | 81       | _               |          | +       | -         | ╄         | -  | $\dashv$            |           |  |          | 131      | ļ            | Н                 | $\dashv$ | $\dashv$ | -        |          |                 |          |           |
| <u></u>  | 32       | V          | Ш         |          |          | _            |                |          |          |          |       |          | 82       |                 | _        | +       | -         | +         | $\vdash$   |                     | _         |  |          | 132      |              | Н                 |          |          |          |          | $\dashv$        | $\dashv$ |           |
|          | 33       | ٧          | $\sqcup$  |          |          |              |                | _        | $\sqcup$ |          |       |          | 83       | $\sqcup$        | $\dashv$ |         | 4         | +         | Н  | -                   | $\dashv$  |  |          | 133      | -            | $\vdash \vdash$   | _        | -        | -        |          | $\dashv$        |          |           |
| <u></u>  | 34       | ٧          | $\sqcup$  | _        |          | _            | -              | <u> </u> | $\sqcup$ |          |       |          | 84       | $\sqcup$        | $\dashv$ | -       | +         | +         | $\vdash$   | $\vdash$            | 4         |  | <u> </u> | 134      | ├-           | $\vdash$          |          | -        | $\dashv$ |          | $\dashv$        | -        | _         |
|          | 35       | ٧          |           |          |          | <u> </u>     | <u> </u>       | $\vdash$ | $\sqcup$ |          |       |          | 85       |                 | $\dashv$ | _       | $\bot$    | -         | $\vdash$   | $\vdash$            | $\dashv$  |  | <u> </u> | 135      | <u> </u>     | $\vdash \vdash$   |          | $\dashv$ | -        |          | $\vdash$        | $\dashv$ | _         |
| <u></u>  | 36       | ٧          |           |          |          | <u> </u>     | oxdot          |          | $\sqcup$ |          |       | <u> </u> | 86       | Ш               | _        | -       | 4         | $\bot$    | Н  | $\dashv$            | _         |  | ļ        | 136      | <u> </u>     | Н                 | -        | $\dashv$ |          |          |                 | $\dashv$ | _         |
| L        | 37       | ٧          | Ш         | _        |          | <u> </u>     | <b> </b>       |          | $\sqcup$ |          | 1     | L        | 87       | $\sqcup$        | _        | +       | +         | +         | $\vdash$   | $\dashv$            | _         |  | ļ        | 137      | <u> </u>     | $\vdash \vdash$   |          | _        |          | <u> </u> | $\vdash \vdash$ |          |           |
|          | 38       | ٧          | $\sqcup$  | _        |          |              |                | <u> </u> | Ш        |          | l     |          | 88       | $\vdash$        | _        | +       | +         | +         | $\vdash$   | $\vdash$            | _         |  | <u> </u> | 138      | $\vdash$     | $\vdash \vdash$   |          |          |          | _        |                 | 4        | _         |
|          | 39       | V          | 1_1       | _        |          | <u> </u>     | <u> </u>       | <u> </u> | Ш        |          | ı     |          | 89       | Ш               | _        | _       | -         | -         | Ш  | -                   | _         |  | <u> </u> | 139      | <del> </del> |                   |          |          |          |          | $\sqcup$        |          |           |
| <u></u>  | 40       | V          |           |          |          | <u> </u>     | ļ              | _        | Ш        |          | liii  |          | 90       | $\sqcup$        | $\dashv$ | +       | +         | ـ         | $\vdash$   | $\vdash \vdash$     | _         |  | <u> </u> | 140      | <u> </u>     | $\vdash \vdash$   | _        |          | -        | Н        | Н               |          | _         |
|          | 41       | v          | Ш         |          |          | <u> </u>     | L.,            | <u> </u> | Ш        |          | l     | <u> </u> | 91       | Ш               | $\dashv$ | $\perp$ | $\bot$    | 4         | $\sqcup$   | $\vdash \downarrow$ | _         |  | <u> </u> | 141      | <b>—</b>     | $\sqcup$          |          |          | -        | $\vdash$ | $\vdash \vdash$ |          | -         |
|          | 42       | <u>  v</u> | Ш         | _        |          | <u> </u>     | <u> </u>       | <u> </u> |          |          |       |          | 92       | Ш               | -        | _       | _         | +         | 1  |                     | _         |  |          | 142      | <u> </u>     |                   |          | _        |          | <u> </u> |                 | $\dashv$ | -         |
|          | 43       | V          | Ш         |          |          | ļ            | <u> </u>       | <u> </u> | Ш        |          |       |          | 93       | $\sqcup$        | _        | _       | - -       | -         | -  | $\sqcup$            | _         |  | <u> </u> | 143      | <del> </del> | $\sqcup$          |          | _        | _        |          | $\vdash \vdash$ |          | -         |
|          | 44       | <u>L</u>   |           |          |          | $oxed{oxed}$ | <u> </u>       | <u> </u> | Ш        |          | H     |          | 94       | Ш               | _ .      | _       |           | $\perp$   | <u> </u>   | $\sqcup$            |           |  | <u> </u> | 144      |              | $\sqcup$          | $\Box$   |          | Ш        | <u> </u> | $\sqcup$        | $\dashv$ | <u> </u>  |
|          | 45       |            | Ш         |          |          | <u> </u>     | L              |          |          |          | liiii |          | 95       | Ш               |          | $\perp$ |           | 4         | <u> </u>   | <u> </u>            |           |  |          | 145      | <u> </u>     | Щ                 | _        |          |          |          | Щ               |          | <u> </u>  |
|          | 46       | L          | Ш         |          |          |              | <u> </u>       | 乚        | Ш        |          | liii  | <u></u>  | 96       | Ш               |          |         | $\perp$   | $\perp$   |  | Ш                   |           |  |          | 146      | <u> </u>     | $\sqcup$          |          |          |          | <u> </u> | $\sqcup$        |          | $\vdash$  |
|          | 47       |            | $\square$ |          |          | <u> </u>     |                | 1_       |          |          | ]     |          | 97       | Ш               | $\perp$  | $\perp$ | $\perp$   | $\perp$   | $oxed{oxed}$                                     | Ш                   |           |  | <u> </u> | 147      | <u> </u>     | $\sqcup$          |          |          | <u> </u> | <u> </u> | $\sqcup$        |          | <u> </u>  |
|          | 48       |            | Ш         |          |          |              | <u>_</u>       | <u>L</u> | Ш        |          |       |          | 98       | $\sqcup$        | $\perp$  |         | 4         | $\bot$    | ↓_   | $\sqcup$            |           |  |          | 148      | <u> </u>     | $\sqcup$          |          |          | $\vdash$ | <u> </u> | $\sqcup$        | لـــ     | <u> </u>  |
| L        | 49       | 1          | Ш         |          |          | <u> </u>     | <u> </u>       | <u> </u> |          |          | 1     | <u> </u> | 99       | $oxed{oxed}$    | _        |         | $\perp$   | $\perp$   | ↓_   | $\sqcup$            |           |  |          | 149      | _            | $\sqcup$          |          |          |          | $\vdash$ | Ш               | ئے       | <u> </u>  |
| 1        | 50       | 1          |           |          |          | ΙŌ           | 1              |          |          |          | 1     |          | 100      | 1               |          | - [     | - [       | 1         | 1  | ı I                 |           |  | 1        | 150      | I            | I I               |          |          | ı        | i        | il              |          | í         |